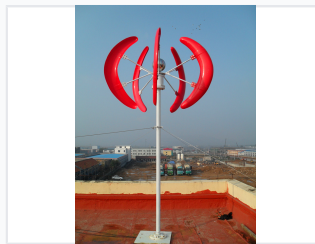
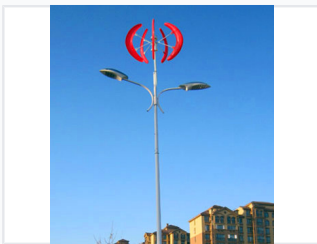


Vertical Axis Wind Turbine for Urban Use

This vertical axis wind turbine is designed for urban or residential use. Its Savonius-style rotor is engineered to capture wind from any direction, making it suitable for turbulent urban environments.



ADDITIONAL IMAGES



Product Overview

Urban Renewable Energy Solution

This vertical axis wind turbine (VAWT) is specifically engineered for high-performance energy generation in urban and residential environments. Its Savonius-style rotor design excels at capturing wind from any direction, making it ideal for locations with turbulent or variable airflow. The system is versatile and can be integrated into existing infrastructure like street lighting or combined with solar panels for hybrid off-grid power generation.

Technical Features

Turbine Type	Vertical Axis Wind Turbine (VAWT)
Rotor Style	Savonius-style with curved blades
Wind Directionality	360-degree omnidirectional

System Compatibility

Integration Capabilities

- Integrated LED street light support
- Solar panel hybridization
- Battery storage integration
- Centralized control system electronics

Supported Applications	Urban Lighting, Residential Power, Hybrid Systems, Off-grid Power
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